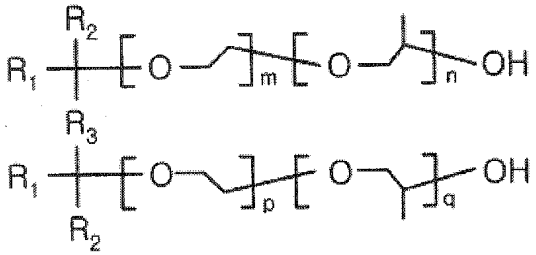
LISTING OF CLAIMS

Please **amend** the claims as follows:

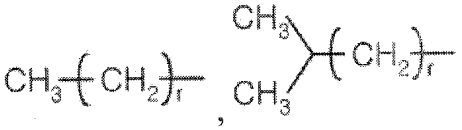
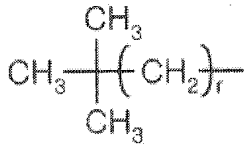
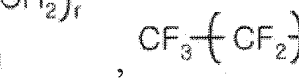
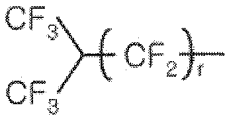
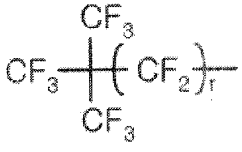
1. (Currently amended) A cleaning solution comprising:

deionized water; and

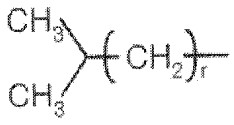
a surfactant represented by the following formula:

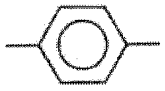
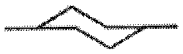


wherein R_1 and R_3 are carbides or fluorocarbons having 1 to 20 carbons, R_2 is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from ~~0~~ 1 to 10.

2. (Original) The cleaning solution as claimed in claim 1, wherein R_1 is selected from the group consisting of a methyl group,  ,  ,  ,  and  , wherein r is an integer ranging from 1 to 15.

3. (Original) The cleaning solution as claimed in claim 1, wherein R_2 is selected from the group consisting of hydrogen, a methyl group, an ethyl group, a propyl group,

an isopropyl group, CF_3, CF_3CF_2 and  , wherein r is an integer ranging from 1 to 15.

4. (Original) The cleaning solution as claimed in claim 1, wherein R_3 is selected from the group consisting of  ,  ,  and  .

5. (Original) The cleaning solution as claimed in claim 1, further comprising an anionic surfactant containing fluorine or a nonionic surfactant containing fluorine.

6. (Original) The cleaning solution as claimed in claim 5, wherein the nonionic surfactant containing fluorine is $R_fCH_2CH_2O(CH_2CH_2O)_XH$, wherein X is an integer ranging from 0 to 20 and R_f is $F(CF_2CF_2)_Y$, and wherein Y is an integer ranging from 1 to 10.

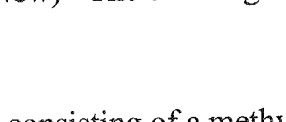
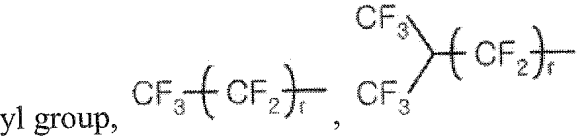
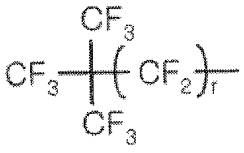
7. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine is ammonium perfluoroalkylethoxy phosphorate.

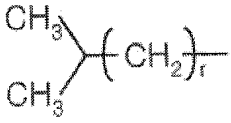
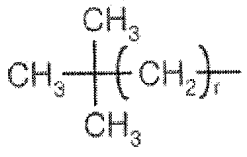
8. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine or the nonionic surfactant containing fluorine is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.

9. (Original) The cleaning solution as claimed in claim 1, wherein the surfactant is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.

Claims 10-26 (Canceled)

Please **add** the following new claims:

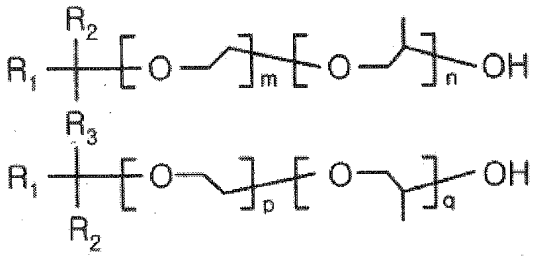
27. (New) The cleaning solution as claimed in claim 1, wherein R_1 is selected from the group consisting of a methyl group,  ,  and  , wherein r is an integer ranging from 1 to 15.

28. (New) The cleaning solution as claimed in claim 1, wherein R_1 is selected from the group consisting of,  ,  , wherein r is an integer ranging from 5 to 15.

29. (New) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:

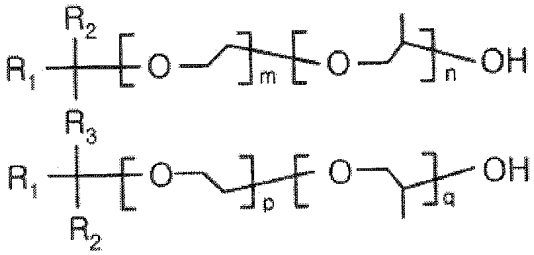


wherein R_1 and R_3 are carbides or fluorocarbons having 1 to 20 carbons, R_2 is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from 0 to 10 and ammonium perfluoroalkylethoxy phosphorate.

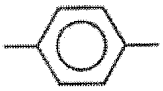
30. (New) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:



wherein R_1 and R_3 are carbides or fluorocarbons having 1 to 20 carbons, R_2 is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from 0 to 10

wherein R_3 is selected from the group consisting of,  ,  and  .